

## Table B2. - Land Capability and Yields per Acre of Crops and Pasture

Roanoke County and the Cities of Roanoke and Salem, Virginia

Yields are those that can be expected under a high level of management. They are for nonirrigated areas. Absence of a yield indicates that the soil is not suited to the crop or the crop generally is not grown on the soil.

Map Symbol and Soil Name	Land Capability	Alfalfa Hay	Grass-Legume Hay	Oats	Orchardgrass	Pasture
		Tons	Tons	Bu	AUM	AUM
1A:						
Alderflats	4w	---	---	---	---	---
2B:						
Allegheny	2e	---	3.50	---	---	7.00
2C:						
Allegheny	3e	---	3.50	---	---	7.00
3C3:						
Chilhowie	4e	---	2.50	---	---	---
3D3:						
Chilhowie	6e	---	---	---	---	---
3E3:						
Chilhowie	7e	---	---	---	---	---
4E:						
Chilhowie	7e	---	---	---	---	---
5C:						
Chiswell	4e	---	1.50	---	---	3.00
Litz	3e	3.00	2.50	---	---	6.50
5D:						
Chiswell	6e	---	1.50	---	---	2.00
Litz	4e	3.00	2.00	---	---	5.50
5E:						
Chiswell	7e	---	---	---	---	---
Litz	7e	---	---	---	---	---
6C:						
Chiswell	4e	---	1.50	---	---	3.00
Litz	3e	3.00	2.50	---	---	6.50
Urban land	8s	---	---	---	---	---
6D:						
Chiswell	7e	---	---	---	---	2.00
Litz	6e	---	---	---	---	---
Urban land	8s	---	---	---	---	---

## Table B2. - Land Capability and Yields per Acre of Crops and Pasture - Continued

Roanoke County and the Cities of Roanoke and Salem, Virginia

Map Symbol and Soil Name	Land Capability	Alfalfa Hay	Grass-Legume Hay	Oats	Orchardgrass	Pasture
		Tons	Tons	Bu	AUM	AUM
7A:						
Clubcaf	6w	---	---	---	---	6.00
8A:						
Combs	2w	---	4.50	---	---	8.50
Clubcaf	---	---	---	---	---	---
9B:						
Cotaco	2e	---	3.00	65.00	---	6.00
Purdy	---	---	---	---	---	---
9C:						
Cotaco	3e	---	2.50	50.00	---	5.00
Purdy	---	---	---	---	---	---
10D:						
Dekalb	6e	---	---	---	---	---
11C:						
Dekalb	6s	---	---	---	---	---
11D:						
Dekalb	7s	---	---	---	---	---
11E:						
Dekalb	7s	---	---	---	---	---
11F:						
Dekalb	7e	---	---	---	---	---
12F:						
Dekalb	7e	---	---	---	---	---
Rock outcrop	8s	---	---	---	---	---
13A:						
Derroc	2s	2.00	1.50	---	---	4.00
Clubcaf	---	---	---	---	---	---
14:						
Dumps	8s	---	---	---	---	---
15C:						
Edgemont	3e	4.00	3.00	70.00	---	8.00
15D:						
Edgemont	6e	---	---	---	---	---

# Table B2. - Land Capability and Yields per Acre of Crops and Pasture - Continued

Roanoke County and the Cities of Roanoke and Salem, Virginia

Map Symbol and Soil Name	Land Capability	Alfalfa Hay	Grass-Legume Hay	Oats	Orchardgrass	Pasture
		Tons	Tons	Bu	AUM	AUM
15E: Edgemont	7e	---	---	---	---	---
16B: Edneyville	2e	---	4.50	---	---	---
16C: Edneyville	4e	---	3.50	---	---	---
16D: Edneyville	6e	---	3.00	---	---	---
16E: Edneyville	7e	---	---	---	---	---
17C: Evard	4e	---	---	---	---	---
17D: Evard	6e	---	---	---	---	---
17E: Evard	7e	---	---	---	---	---
18B: Frederick	2e	4.50	3.50	75.00	---	8.30
18C: Frederick	3e	4.50	3.00	70.00	---	8.00
18D: Frederick	4e	4.00	3.00	60.00	---	7.70
19C: Frederick	4s	1.50	1.50	---	---	3.80
19D: Frederick	6s	---	---	---	---	3.50
19E: Frederick	7e	---	---	---	---	---
20C: Frederick	3e	4.50	3.00	70.00	---	8.00
20E: Frederick	6e	---	---	---	---	7.00
21C: Frederick	3e	4.50	3.00	70.00	---	8.00

## Table B2. - Land Capability and Yields per Acre of Crops and Pasture - Continued

Roanoke County and the Cities of Roanoke and Salem, Virginia

Map Symbol and Soil Name	Land Capability	Alfalfa Hay	Grass-Legume Hay	Oats	Orchardgrass	Pasture
		Tons	Tons	Bu	AUM	AUM
21C:						
Urban land	8s	---	---	---	---	---
21D:						
Frederick	4e	4.00	3.00	60.00	---	7.70
Urban land	8s	---	---	---	---	---
22C:						
Gilpin	3e	3.50	3.00	60.00	---	7.00
22D:						
Gilpin	4e	3.00	2.50	55.00	---	6.00
23C:						
Grimsley	6s	---	---	---	---	---
24C:						
Groseclose	3e	3.50	3.25	---	---	7.50
24D:						
Groseclose	4e	3.00	3.00	---	---	6.50
24E:						
Groseclose	6e	---	---	---	---	6.00
25C:						
Groseclose	3e	4.00	3.00	---	---	8.00
Litz	3e	3.00	2.50	---	---	6.50
25D:						
Groseclose	4e	3.50	3.00	---	---	7.70
Litz	4e	3.00	2.00	---	---	5.50
25E:						
Groseclose	6e	---	---	---	---	7.00
Litz	6e	---	---	---	---	---
26B:						
Hayesville	2e	4.00	3.60	70.00	---	---
26C:						
Hayesville	4e	3.20	3.00	50.00	---	---
26D:						
Hayesville	6e	---	---	---	---	---
27C:						

# Table B2. - Land Capability and Yields per Acre of Crops and Pasture - Continued

Roanoke County and the Cities of Roanoke and Salem, Virginia

Map Symbol and Soil Name	Land Capability	Alfalfa Hay	Grass-Legume Hay	Oats	Orchardgrass	Pasture
		Tons	Tons	Bu	AUM	AUM
27C:						
Hayesville	4e	3.20	3.00	50.00	---	---
27D:						
Hayesville	6e	---	---	---	---	---
28E:						
Hayesville	7s	---	---	---	---	4.00
29C:						
Hayesville	7e	---	---	---	---	---
Urban land	8s	---	---	---	---	---
29D:						
Hayesville	6e	---	---	---	---	---
Urban land	8s	---	---	---	---	---
30C:						
Laidig	3e	4.00	3.00	65.00	---	4.50
30D:						
Laidig	4e	3.30	5.50	28.00	---	4.00
31D:						
Laidig	6s	---	---	---	---	---
32B:						
Macove	2e	3.50	3.00	---	---	4.00
32C:						
Macove	3e	3.50	3.00	---	---	4.00
33E:						
Opequon	7e	---	---	---	---	---
Rock outcrop	8s	---	---	---	---	---
34E:						
Peaks	7s	---	---	---	---	3.50
34F:						
Peaks	7s	---	---	---	---	3.50
35:						
Pits	8s	---	---	---	---	---
36A:						
Purdy	4w	---	2.50	55.00	---	---
37B:						

## Table B2. - Land Capability and Yields per Acre of Crops and Pasture - Continued

Roanoke County and the Cities of Roanoke and Salem, Virginia

Map Symbol and Soil Name	Land Capability	Alfalfa Hay	Grass-Legume Hay	Oats	Orchardgrass	Pasture
		Tons	Tons	Bu	AUM	AUM
37B: Sequoia	3e	2.70	---	---	---	5.50
37C: Sequoia	4e	2.50	---	---	---	5.00
37D: Sequoia	6e	---	---	---	---	4.50
37E: Sequoia	6e	---	---	---	---	4.50
38B: Shelocta	2e	4.50	---	75.00	---	9.00
38C: Shelocta	3e	4.00	---	65.00	---	8.00
38D: Shelocta	6e	---	---	---	---	6.00
39B: Shottower	2e	4.50	3.50	70.00	---	8.50
39C: Shottower	3e	4.50	3.50	65.00	---	8.50
40C: Shottower	4s	4.00	3.00	60.00	---	8.00
40D: Shottower	6s	3.50	2.50	---	---	7.00
41C: Shottower	3e	4.50	3.50	65.00	---	8.50
Urban land	8s	---	---	---	---	---
41D: Shottower	4e	4.00	3.00	50.00	---	7.50
Urban land	8s	---	---	---	---	---
42A: Sindion	2w	---	3.00	---	---	8.30
Clubcaf	---	---	---	---	---	---
43A: Speedwell	1	4.50	3.50	---	---	9.70

## Table B2. - Land Capability and Yields per Acre of Crops and Pasture - Continued

Roanoke County and the Cities of Roanoke and Salem, Virginia

Map Symbol and Soil Name	Land Capability	Alfalfa Hay	Grass-Legume Hay	Oats	Orchardgrass	Pasture
		Tons	Tons	Bu	AUM	AUM
43A:						
Clubcaf	---	---	---	---	---	---
44A:						
Speedwell	1	4.50	3.50	---	---	9.70
Urban land	8s	---	---	---	---	---
Clubcaf	---	---	---	---	---	---
45C:						
Spessard	7s	---	---	---	---	---
45D:						
Spessard	7s	---	---	---	---	---
45E:						
Spessard	7s	---	---	---	---	---
46E:						
Sylvatus	7e	---	---	---	---	---
46F:						
Sylvatus	7e	---	---	---	---	---
47B:						
Thurmont	2e	---	4.50	---	8.50	---
47C:						
Thurmont	3e	---	4.00	---	7.50	---
48B:						
Timberville	2e	4.50	4.00	---	---	8.50
49B:						
Tumbling	2e	4.50	3.50	65.00	---	8.50
49C:						
Tumbling	3e	4.50	3.50	60.00	---	8.50
49D:						
Tumbling	4e	4.00	3.00	55.00	---	8.00
50C:						
Tumbling	6s	---	---	---	---	6.50
50D:						
Tumbling	6s	---	---	---	---	6.50
50E:						
Tumbling	7e	---	---	---	---	4.50

## Table B2. - Land Capability and Yields per Acre of Crops and Pasture - Continued

Roanoke County and the Cities of Roanoke and Salem, Virginia

Map Symbol and Soil Name	Land Capability	Alfalfa Hay	Grass-Legume Hay	Oats	Orchardgrass	Pasture
		Tons	Tons	Bu	AUM	AUM
51C:						
Tumbling	3e	4.50	3.50	60.00	---	8.50
Urban land	8s	---	---	---	---	---
52:						
Udorthents	---	---	---	---	---	---
Urban land	8s	---	---	---	---	---
53:						
Urban land	8s	---	---	---	---	---
Wet Spots	---	---	---	---	---	---
54C:						
Weikert	4e	2.00	2.00	45.00	---	4.00
Berks	3e	3.00	2.50	55.00	---	5.50
54E:						
Weikert	7e	---	---	---	---	---
Berks	6e	---	---	---	---	---
55F:						
Weikert	7e	---	---	---	---	---
Rock outcrop	8s	---	---	---	---	---
56A:						
Wheeling	1	4.50	---	75.00	---	8.50
56B:						
Wheeling	2e	4.50	---	75.00	---	8.50
57A:						
Wheeling	1	4.50	---	75.00	---	8.50
Urban land	8s	---	---	---	---	---
58B:						
Zoar	2e	3.50	3.00	65.00	---	---
Purdy	---	---	---	---	---	---
W:						
Water	---	---	---	---	---	---